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CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

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Attached is as received

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STATE	#x	ARMY	#x	NAVY	#x	AIR	#x	FBI		AEC				
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REPORT

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COUNTRY Czechoslovakia

DATE DISTR. 27 Dec 1954

SUBJECT Testing Plant for Strong-Current  
Electric Machinery in Bechovice

NO. OF PAGES 2

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THIS IS UNEVALUATED INFORMATION

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1. There was a plant for testing strong-current electric machinery in Bechovice (N 50-05. E 14-37). (For approximate location see sketch. page 2)

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The plant was part of the Research Institute of the Ministry of Machinery Construction, Strong-Current Division, in Prague II, Opletal Street. The Bechovice plant had a department for testing large three-phase switches in short circuit, such as those used in power plants, and 3000 volt, DC railroad switches in short circuit. The main equipment in this department was as follows:

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- a. Two synchronous generators, each rated at 1,000 kw-amp., continuous output 3,000 rpm, voltage unknown

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- b. Each generator had two exciters, each rated at 750 v, 516 amp., possible short-time voltage 900 v. Each exciter was insulated against the ground at 3,600 v. When connected in series, the four exciters gave off 3,600 v, which voltage was necessary for testing railroad switches. (Czechoslovakia used 3,000 v DC on its electric railroads.) Originally the preliminary designing for the exciters and the manufacturing was to be done by MEZ Vsetin whereas the physical designing was to be done by MEZ Development in Brno. Dr. Bedrich Heller, manager of the Strong-Current Division of the Research Institute, and Ing. Hassdenteufel (fnu), who was designated to become manager of the Bechovice testing plant, visited MEZ Vsetin several times in early 1949, at the time that construction of the testing plant in Bechovice was begun, to discuss the order. The exciters were to be delivered during 1950; however, Ing. Klima, manager of MEZ Development, was against accepting the order, pointing out that CKD Stalingrad already had designed a similar type of exciter. Finally, the exciters were delivered by CKD Stalingrad.

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2. MEZ Vsetin delivered standard DC motors and generators for the entire Bechovice testing plant, all of which were the smallest sizes in the middle-size category, and one or two small dynamometers which were not for excessively high speeds.1

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all of the machinery which had been ordered reached the Bechovice testing plant before summer 1954.

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3. the department for testing large switches, both for power plants and railroads, was the only one of its type in Czechoslovakia and that the other departments of the Bechovice plant were standard testing departments; the types and character of machinery delivered to Bechovice by MEZ Vsetin.

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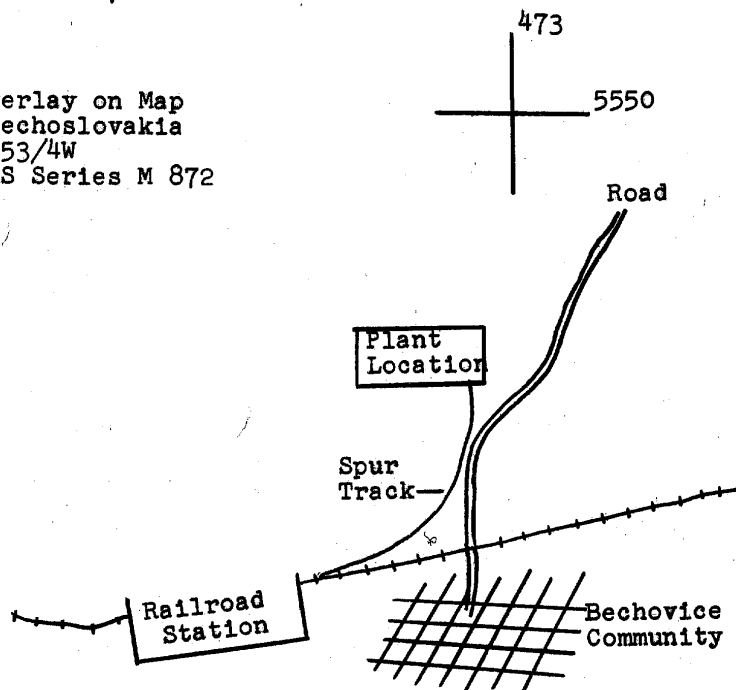
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4. During 1953 or early 1954, MEZ Vsetin was approached for information concerning the possibility of manufacturing a DC motor for a leather belt drive for a Van de Graaff generator.

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the Van de Graaff generator was to be built in Bechovice.

Overlay on Map  
Czechoslovakia  
3953/4W  
AMS Series M 872



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